

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number
WO 2004/028296 A3

(51) International Patent Classification⁷: A47B 3/08

(21) International Application Number: PCT/IB2003/004782

(22) International Filing Date: 25 September 2003 (25.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02259585.6 27 September 2002 (27.09.2002) CN
10/669,740 24 September 2003 (24.09.2003) US

(71) Applicant: LIFETIME HONG KONG, LTD. [CN/CN]; Room 804 Eighth Floor, LC WU Building, 302-8 Hennessy Road, Unit 804, Wanchai, Hong Kong (CN).

(72) Inventors: CHEN, Zhurong; Jinxiang Industry Building, No.151 Yuehua Road, Huli District, Xiamen City 361006, Fujian Province (CN). JIN, Hao; Jinxiang Industry

Building, No.151 Yuehua Road, Huli District, Xiamen City 361006, Fujian Province (CN). AI, Wen; Jinxiang Industry Building, No.151 Yuehua Road, Huli District, Xiamen City 361006, Fujian Province (CN).

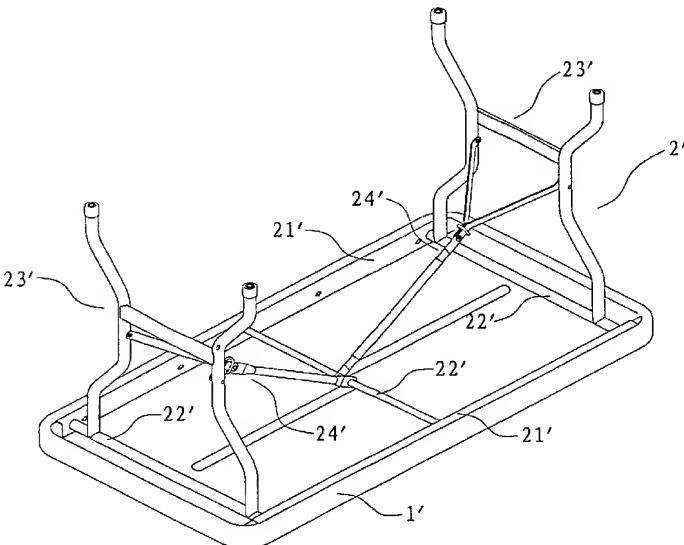
(74) Agent: ZHANG, Songting; Shouchuang Junhe Patent Agent Co., Ltd. Xiamen, 5F Labor Market Building, No. 191 Changqing Road, Xiamen City 361012, Fujian Province (CN).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

[Continued on next page]

(54) Title: TABLE HAVING H-CENTER SUPPORT ASSEMBLY



(57) Abstract: A table includes a table top and a table frame. The table frame preferably includes one or more side rails, end rails, table legs, and support braces. The table also includes a mounting structure that is provided on the underside of the table top. At least a portion of a support assembly is connected to the mounting structure. Desirably, the mounting structure and the support assembly are disposed towards the center portion of the table, but the mounting structure and/or support assembly could be located in any desired portion of the table. Preferably, one end of the support braces is pivotally attached to the support assembly and the other end is pivotally attached to a table leg. Advantageously, the support assembly provides a "planar" support area to a portion of the table top.

WO 2004/028296 A3



SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

16 September 2004

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB03/04782

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ A47B3/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ A47B3/00-3/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Documents (1985-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CPRS, bottom, central, centrally

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN, Y, 2441358 (Zhou Xiaoping) 08. Aug. 2001 (08.08.01), line 2, page 4 to line 7, page 6 of the description, Figs. 1-2,4-5,7	1,3-8
X	CN, Y, 2439806 (Zhang Chongwei) 25. Jul. 2001 (25.07.01), line 20, page 2 to line 21, page 3 of the description, Figs. 1-2	1,3-8
X	CN, Y, 2345061 (Zhang Meifang) 27. Oct. 1999 (27.10.99), lines 20-25, page 3 of the description, Figs. 1,3,4	1, 5-7
P, X	CN, Y, 2540123 (Dongkuan Shichang Hardware Products Factory Co., Ltd.) 28. Nov. 2001 (28.11.01), page 2 of the description, Figs. 2, 4	1-8

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
“A” document defining the general state of the art which is not considered to be of particular relevance	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E” earlier application or patent but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 02. Jun. 2004 (02.06.2004)	Date of mailing of the international search report 08 · JUL 2004 (08 · 07 · 2004)
Name and mailing address of the ISA/CN 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451	Authorized officer Ke Jingjie Telephone No. 86-10-62085829

洁
印